

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: MAY 25 1983

SUBJECT: Prudhoe Bay PSD-IV Permit Revision

FROM: Robert B. Wilson *Rob*
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MAY 26 REG

TO: Raymond C. Nye
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As you requested in your May 10, 1983, memo, I have reviewed the Technical Note "Analysis of Proposed Transfer of Turbine Capacity in the Prudhoe Bay Unit in Support of GC-1 Gas Lift Compressors (GLT-3)" submitted by SOHIO Alaska Petroleum Company.

In the original PSD-IV analysis the maximum air quality impacts of all the sources in the Prudhoe Bay area occurred immediately down wind of Flow Station-1, which is located on the eastern (ARCO) side of the Prudhoe Bay Field. SOHIO is now proposing to transfer some turbine capacity from Gathering Center-2 to Gathering Center-1. The Gathering Centers are located on the west (SOHIO) side of the Field. The impacts of the turbine being transferred on the west side of the field do not significantly affect the maximum air quality impacts near Flow Station-1 on the east side of the field. Furthermore, the additional capacity at GC-1 does not cause the maximum impacts immediately down wind of GC-1 to be greater than those down wind of FS-1.

Thus, the maximum impacts for the total PSD-IV project remain to be those near FS-1, and do not change significantly as a result of the proposed revision. Therefore, I do not believe that the approval of the proposed revision requires public participation.

